?t1/4/all

1/4/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2001-006544/200101|
XR- <XRPX> N01-004695|
TI- Product configuration display system in electronic commerce field,
    includes product display module for displaying changed product
    presentation in response to request from buyer terminal|
PA- AUTOBYTEL.COM INC (AUTO-N)|
AU- <INVENTORS> BROMBY D; ELLIS P R; **NOTTAGE D S** |
NC- 089|
NP- 002|
PN- WO 200049544 A2 20000824 WO 2000US3828 A 20000215 200101 B|
PN- AU 200033647 A 20000904 AU 200033647 A 20000215 200103|
AN- <LOCAL> WO 2000US3828 A 20000215; AU 200033647 A 20000215|
AN- <PR> US 99251218 A 19990216|
FD- WO 200049544 A2 G06F-017/60
    <DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
    DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
    LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
    TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
FD- AU 200033647 A G06F-017/60   Based on patent WO 200049544|
LA- WO 200049544(E<PG> 47)|
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
    EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
    LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW|
AB- <PN> WO 200049544 A2|
AB- <NV> NOVELTY - A data center (106) networked with a buyer terminal
    receives a request to change a product presentation. Three dimensional
    representation of the product is stored in a storage media (108)
    connected to the data center. A product display module connected to the
    storage media receives a request to change the product presentation
    through a product display screen and displays the changed product
    presentation.|
AB- <BASIC> DETAILED DESCRIPTION - The data center has a microprocessor
    operably connected to the storage media. The data center is networked
    with the buyer terminal. Three dimensional representation of the
    product is stored in the storage media. Multiple perspective views of
    the product are illustrated by rotating the three dimensional
    representation of the product which is a three dimensional model or
    three dimensional photograph of the product. The product display screen
    includes a manufacturer suggested retail price and adjusted price. The
    product display module is configured to execute in the data center and
    includes definition of product display screen accessible by the buyer
    terminal. The product display module is configured to receive a request
    to change a product presentation. An INDEPENDENT CLAIM is also included
    for product configuration presenting method.
        USE - For permitting purchaser to view product over network before
    making purchase decision in the field of electronic commerce for use
    with local area networks, wide area networks, internet and network
    variations such as world wide web, public internet, private internet,
    private computer network, secure internet, private network, public
    network, value-added network.

1 March 6, 2001 16:06

ADVANTAGE - Provides potential purchasers as environment in which the purchaser can make adequately informed purchasing decisions. Facilitates display and configuration of three dimensional representation of vehicle by potential buyer. Enables potential buyers to create a personal vehicle brochure. Enables changing three dimensional representation of an object according to viewer's wishes.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of network architecture.
Data center (106)
Storage media (108)
pp; 47 DwgNo 1/15|
DE- <TITLE TERMS> PRODUCT; CONFIGURATION; DISPLAY; SYSTEM; ELECTRONIC; FIELD; PRODUCT; DISPLAY; MODULE; DISPLAY; CHANGE; PRODUCT; PRESENT; RESPOND; REQUEST; BUY; TERMINAL|
DC- T01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-H07C5A; T01-H07C5E; T01-J05A|
FS- EPI||

1/4/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2000-679140/200066|
XR- <XRPX> N00-502798|
TI- Purchase request managing method for conducting business transactions, involves ascertaining status of purchase request based on displayed purchase request details by seller and acting accordingly|
PA- AUTOBYTEL.COM INC (AUTO-N)|
AU- <INVENTORS> NELSON T E; **NOTTAGE D S** ; WAGONER K J; WOLFE D P|
NC- 089|
NP- 002|
PN- WO 200042558 A2 20000720 WO 2000US962   A 20000114 200066 B|
PN- AU 200025070 A 20000801 AU 200025070   A 20000114 200066|
AN- <LOCAL> WO 2000US962 A 20000114; AU 200025070 A 20000114|
AN- <PR> US 99231415 A 19990114|
FD- WO 200042558 A2 G06F-017/60
    <DS> (National):˙AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
    DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
    LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
    TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
FD- AU 200025070 A G06F-017/60   Based on patent WO 200042558|
LA- WO 200042558(E<PG> 64)|
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
    EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
    LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW|
AB- <PN> WO 200042558 A2|
AB- <NV> NOVELTY - A data center system receives a purchase request from a
    potential buyer and provides access to at least one dealer. The dealer
    displays purchase request details, ascertains of purchase request based
    on the details and acts accordingly. The system contains one or more
    action response modules which assist the seller to act in response to
    ascertained purchase request as status.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included
    for purchase request management system.

USE - For managing purchase request in data center system for conducting business transactions such as sale of vehicle.
ADVANTAGE - The purchase request status enables the seller to efficiently act upon the purchase request in a timely manner, thus increasing customer satisfaction.
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of purchase request management system.
pp; 64 DwgNo 1/29|
DE- <TITLE TERMS> PURCHASE; REQUEST; MANAGE; METHOD; CONDUCTING; BUSINESS; TRANSACTION; ASCERTAIN; STATUS; PURCHASE; REQUEST; BASED; DISPLAY; PURCHASE; REQUEST; DETAIL; ACT; ACCORD|
DC- T01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-J05A|
FS- EPI||

1/4/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2000-679135/200066|
XR- <XRPX> N00-502793|
TI- Selective information retrieving method in electronic commerce system, involves retrieving selective information item based on filter criteria of associated user profile and group profile|
PA- AUTOBYTEL.COM INC (AUTO-N)|
AU- <INVENTORS> LEE J S; **NOTTAGE D S** ; WAGONER K J|
NC- 089|
NP- 002|
PN- WO 200042545 A2 20000720 WO 2000US1096 A   20000114 200066 B|
PN- AU 200033466 A 20000801 AU 200033466   A   20000114 200066|
AN- <LOCAL> WO 2000US1096 A 20000114; AU 200033466 A 20000114|
AN- <PR> US 99231521 A 19990114|
FD- WO 200042545 A2 G06F-017/60
    <DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
FD- AU 200033466 A G06F-017/60   Based on patent WO 200042545|
LA- WO 200042545(E<PG> 25)|
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW|
AB- <PN> WO 200042545 A2|
AB- <NV> NOVELTY - Several group profiles consisting of several filter criteria are provided in the e-commerce system. The user profiles having filter criteria are associated with the group profiles with respect to the filter criteria and specific information item is retrieved and displayed, based on the filter criteria of associated user profile and group profile.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for data care system.
    USE - For selective information retrieval in electronic commerce system.
    ADVANTAGE - Since the selective item is retrieved based on the

filter criteria of associated user profile and group profile of data
care system, the commercial transaction is facilitated.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
data care system.
      pp; 25 DwgNo 1/10|
DE- <TITLE TERMS> SELECT; INFORMATION; RETRIEVAL; METHOD; ELECTRONIC;
    SYSTEM; RETRIEVAL; SELECT; INFORMATION; ITEM; BASED; FILTER; CRITERIA;
    ASSOCIATE; USER; PROFILE; GROUP; PROFILE|
DC- T01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-H07C5E; T01-J05A; T01-J05B4P|
FS- EPI||

   1/4/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2000-499145/200044|
XR- <XRPX> N00-369991|
TI- Computer implemented purchasing system for vehicle sales scenario,
    configures inventory management module such that both individual and
    batch modification of product records are accessible|
PA- AUTOBYTEL.COM INC (AUTO-N)|
AU- <INVENTORS> KLEIN J E; **NOTTAGE D S** ; RATHWICK Z A; TEDESCO M C;
    WAGONER K J; WOLFE D P|
NC- 089|
NP- 002|
PN- WO 200042542 A2 20000720 WO 2000US1045 A 20000114 200044 B|
PN- AU 200025078 A 20000801 AU 200025078   A 20000114 200054|
AN- <LOCAL> WO 2000US1045 A 20000114; AU 200025078 A 20000114|
AN- <PR> US 99232188 A 19990114|
FD- WO 200042542 A2 G06F-017/60
    <DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE
    DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
    LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
    TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
    <DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS
    LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
FD- AU 200025078 A G06F-017/60   Based on patent WO 200042542|
LA- WO 200042542(E<PG> 35)|
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
    EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
    LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT TZ UA UG UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE;
    IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW|
AB- <PN> WO 200042542 A2|
AB- <NV> NOVELTY - A database stores inventory of product records which
    defines product characteristics and information of several sellers. An
    inventory management module accessible by sellers, is configured to
    allow individual and batch modification of product records.|
AB- <BASIC> DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for
    the following:
        (a) computer implemented method for inventory of products;
        (b) vehicle buyers and dealers matching system;
        (c) web server for computer initiated commercial transaction
      USE - For commercial transactions in business such as vehicles
    sales scenario using computer networks, e.g. LAN, WAN, World Wide Web,
    public internet, private Internet, private computer network, secure
    Internet, public network, private network, value added network.

ADVANTAGE - The direct and immediate access of database enables
user to be immediately notified of newly created purchase request along
with seller information. Thus, management of purchase and inventory can
be performed efficiently.
   DESCRIPTION OF DRAWING(S) - The figure shows the flow chart of
inventory management method.
      pp; 35 DwgNo 9/16|
DE- <TITLE TERMS> COMPUTER; IMPLEMENT; PURCHASE; SYSTEM; VEHICLE; SALE;
   CONFIGURATION; INVENTORY; MANAGEMENT; MODULE; INDIVIDUAL; BATCH;
   MODIFIED; PRODUCT; RECORD; ACCESS|
DC- T01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-J05A1; T01-J05B4P|
FS- EPI||

   1/4/5   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01202286
AZ- 01202286
TI- **PRODUCT CONFIGURATION DISPLAY SYSTEM AND METHOD**
TI- **SYSTEME ET PROCEDE D'AFFICHAGE DE CONFIGURATIONS DE PRODUITS**
PA- Autobytel.Com, Inc., (3072580), 18872 MacArthur Boulevard, 2nd floor,
   Irvine, CA 92612, (US), (Applicant designated States: all)|
IV- ELLIS, Peter, R., 2715 Lighthouse Lane, Corona Del Mar, CA 92625, (US)
IV- **NOTTAGE, Douglas, Sanford** , 146 Pergola, Irvine, CA 92612, (US)
IV- BROMBY, Dylan, 45 Rue Monet, Foothill Ranch, CA 92610, (US|
PN- <PCT> WO 0049544 000824|
AN- WO 911815 000215|
AN- (PCT> WO 00US3828 000215|
PR- US 251218 990216|
DS- AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU|
IC- G06F-017/60|
LS- Application: 001018 A2 International application. (Art. 158(1))
LS- Application: 001018 A2 International application entering European
   phase|
LA- <PUB> English|
LA- <PROC> English|
LA- <APP> English|

   1/4/6   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01190180
AZ- 01190180
TI- **SYSTEM AND METHOD FOR SELECTIVELY RETRIEVING INFORMATION ITEMS**
TI- **SYSTEME ET PROCEDE D'EXTRACTION SELECTIVE D'ELEMENTS D'INFORMATIONS**
PA- Autobytel.Com, Inc., (3072580), 18872 MacArthur Boulevard, 2nd floor,
   Irvine, CA 92612, (US), (Applicant designated States: all)|
IV- WAGONER, Kevin, Joel, 3521 N. Tamarind Avenue, Rialto, CA 92377, (US)
IV- LEE, Jin, Seo, 200 W. Columbine B6, South Coast Metro, CA 92707, (US)
IV- **NOTTAGE, Douglas, Sanford** , 146 Pergola, Irvine, CA 92612, (US|
PN- <PCT> WO 0042545 000720|
AN- WO 911589 000114|
AN- (PCT> WO 00US1096 000114|
PR- US 231521 990114|
DS- AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL|
IC- G06F-017/60|

LS- Application: 000913 A2 International application. (Art. 158(1))
LS- Application: 000913 A2 International application entering European
    phase|
LA- <PUB> English|
LA- <PROC> English|
LA- <APP> English|

1/4/7   (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01189825
AZ- 01189825
TI- **COMPUTER IMPLEMENTED PURCHASING SYSTEM WITH AVAILABLE INVENTORY**
   MANAGEMENT FUNCTIONS
TI- **SYSTEME D'ACHAT PAR ORDINATEUR AVEC FONCTIONS DE GESTION DU STOCK**
   DISPONIBLE
PA- Autobytel.Com, Inc., (3072580), 18872 MacArthur Boulevard, 2nd floor,
   Irvine, CA 92612, (US), (Applicant designated States: all)|
IV- **NOTTAGE, Douglas, Sanford** , 146 Pergola, Irvine, CA 92612, (US)
IV- WOLFE, Donald, Paul, Jr., 48 Middlebury Lane, Irvine, CA 92620, (US)
IV- WAGONER, Kevin, Joel, 3521 North Tamarind Avenue, Rialto, CA 92377,
   (US)
IV- TEDESCO, Michael, Corey, 13350 Arvidson Road, Chino, CA 91710, (US)
IV- RATHWICK, Zane, Adam, 7 Stone Creek Lane, Laguna Hills, CA 92653, (US)
IV- KLEIN, John, Erik, 4241 Lafayette Place, Culver City, CA 90232, (US|
PN- <PCT> WO 0042542 000720|
AN- WO 903308 000114|
AN- (PCT> WO 00US1045 000114|
PR- US 232188 990114|
DS- AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU|
IC- G06F-017/60|
LS- Application: 000913 A2 International application. (Art. 158(1))
LS- Application: 000913 A2 International application entering European
    phase|
LA- <PUB> English|
LA- <PROC> English|
LA- <APP> English|

1/4/8   (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01189819
AZ- 01189819
TI- **REAL TIME VEHICLE PURCHASE REQUEST MANAGEMENT METHOD AND SYSTEM**
TI- **PROCEDE ET SYSTEME DE GESTION DE DEMANDES D'ACHAT DE VEHICULES EN TEMPS**
   REEL
PA- Autobytel.Com, Inc., (3072580), 18872 MacArthur Boulevard, 2nd floor,
   Irvine, CA 92612, (US), (Applicant designated States: all)|
IV- WOLFE, Don, P., 48 Middlebury Lane, Irvine, CA 92620, (US)
IV- **NOTTAGE, Douglas, S.** , 146 Pergola, Irvine, CA 92612, (US)
IV- WAGONER, Kevin, J., 3521 N. Tamarind Avenue, Rialto, CA 92377-3645,
   (US)
IV- NELSON, Tim, E., 3783 Live Oak Drive, Pomona, CA 91767, (US|
PN- <PCT> WO 0042558 000720|
AN- WO 903300 000114|
AN- (PCT> WO 00US962 000114|
PR- US 231415 990114|
DS- AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL|

IC- G06F-017/60|
LS- Application: 000913 A2 International application. (Art. 158(1))
LS- Application: 000913 A2 International application entering European
     phase|
LA- <PUB> English|
LA- <PROC> English|
LA- <APP> English|

1/4/9   (Item 1 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2001 WIPO/MicroPat. All rts. reserv.

00736209   **Image available**
AZ- 00736209
TI- **<ENGLISH> PRODUCT CONFIGURATION DISPLAY SYSTEM AND METHOD**
TI- **<FRENCH> SYSTEME ET PROCEDE D'AFFICHAGE DE CONFIGURATIONS DE PRODUITS**
PA- AUTOBYTEL COM INC, 2nd Floor, 18872 MacArthur Boulevard, Irvine, CA
    92612, US, US (Residence), US (Nationality)|
AU- ELLIS Peter R, 2715 Lighthouse Lane, Corona Del Mar, CA 92625, US
AU- **NOTTAGE Douglas Sanford** , 146 Pergola, Irvine, CA 92612, US
AU- BROMBY Dylan, 45 Rue Monet, Foothill Ranch, CA 92610, US|
LR- ALTMAN Daniel E, Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor,
    620 Newport Center Drive, Newport Beach, CA 92660-8016, US|
PN- WO 200049544 (WO 0049544) A2   20000824|
AN- WO 2000US3828 20000215|
PR- US 99251218 19990216|
DS- AE; AL; AM; AT|
DS- <EP> (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE|
DS- <OA> (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG|
DS- <AP> (AP) GH GM KE LS MW SD SL SZ TZ UG ZW|
DS- <EA> (EA) AM AZ BY KG KZ MD RU TJ TM|
IC- <MAIN> G06F-017/60|
LA- <PUB> English|
LF- <FILING> English|
WD- 16348|
AB- <ENGLISH> A product configuration display system and method enabling
    the configuration and displaying of a product for purchase by a
    potential buyer. A product configuration display system comprises a
    data center having a microprocessor operably connected to a storage
    media. The data center is configured to be networked with at least a
    buyer terminal, and to receive at least one request to change a product
    presentation from the buyer terminal. The product configuration display
    system also includes at least one three-dimensional digital
    representation or model of a product. The three-dimensional
    representation of the product is stored in the storage media and is
    capable of illustrating multiple perspective views of the product by
    rotating. The product configuration display system further includes a
    product display module that is operably connected to the storage media.
    The product display module is configured to execute in the data center,
    and includes a definition of a product display screen that is
    accessible by the buyer terminal. The product display module is further
    configured to receive a request to change a product presentation
    through the product display screen. The product display module is
    additionally configured to display the changed product presentation in
    the product display screen. Changes such as color and texture can be
    made quickly because the same basic digitized model is used for
    multiple colors and textures.|
AB- <FRENCH> Cette invention concerne un systeme et un procede d'affichage
    de configurations de produits qui permet de configurer et d'afficher un
    produit destine a un acheteur potentiel. Le systeme d'affichage de
    configurations de produits comprend un centre de donnees assorti d'un

7 March 6, 2001 16:06

substantially similar to said at least one representation of said second product with said at least one representation of said second product.

63. The method as defined in Claim 58, wherein said modifying includes superimposing said at least one representation of said first product and said at least one representation of said second product.

64. The method as defined in Claim 58, wherein said first product is a sub-product and said second product is a sub-product substantially similar to said first product.

65. A method of presenting a product configuration over a network, comprising the acts of:

providing a data center;

providing a network connection between said data center and a buyer terminal; providing at least one three-dimensional representation, of a product capable of illustrating multiple perspective views of said product by rotating said three-dimensional representation of the product; transmitting a definition of a product display screen from said data center to said buyer terminal, said product display screen includes a product presentation; receiving a request to change said product presentation; and modifying said definition of said product display screen according to said request to change said product presentation.

66. A product configuration viewer apparatus comprising:

means for providing at least one three-dimensional representation of a product capable of illustrating multiple perspective views of said product by rotating said three dimensional representation of the product; means for transmitting a definition of a product display screen to a buyer terminal, said product display screen includes a product presentation; means for receiving a request to change said product presentation; and means for modifying said definition of said product display screen according to said request to change said product presentation.|

1/4/10   (Item 2 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2001 WIPO/MicroPat. All rts. reserv.

00729656   **Image available**
AZ- 00729656
TI- <ENGLISH> **REAL TIME VEHICLE PURCHASE REQUEST MANAGEMENT METHOD AND SYSTEM**
TI- <FRENCH> **PROCEDE ET SYSTEME DE GESTION DE DEMANDES D'ACHAT DE VEHICULES EN TEMPS REEL**
PA- AUTOBYTEL COM INC, 2nd floor, 18872 MacArthur Boulevard, Irvine, CA 92612, US, US (Residence), US (Nationality)|
AU- WOLFE Don P, 48 Middlebury Lane, Irvine, CA 92620, US
AU- **NOTTAGE Douglas S** , 146 Pergola, Irvine, CA 92612, US
AU- WAGONER Kevin J, 3521 N. Tamarind Avenue, Rialto, CA 92377-3645, US
AU- NELSON Tim E, 3783 Live Oak Drive, Pomona, CA 91767, US|
LR- ALTMAN Daniel E, Knobbe, Martens, Olson and Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660, US|
PN- WO 200042558 (WO 0042558) A2 20000720|
AN- WO 2000US962 20000114|
PR- US 99231415 19990114|
DS- AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ|
DS- <EP> (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE|
DS- <OA> (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG|
DS- <AP> (AP) GH GM KE LS MW SD SL SZ TZ UG ZW|
DS- <EA> (EA) AM AZ BY KG KZ MD RU TJ TM|
IC- <MAIN> G06F-017/60|
LA- <PUB> English|

LF- <FILING> English|
WD- 17018|
AB- <ENGLISH> A method and system for managing a purchase request in a Data
    Center system. The Data Center system receives a purchase request from
    a plurality of potential buyers. The Data Center system provides access
    to a plurality of remotely located vehicle dealer or dealer groups. The
    dealer accesses the purchase request and displays its details. The
    dealer may then assign the handling of the purchase request to a
    salesperson. The salesperson ascertains a purchase request property
    such as an immediate buyer, based upon the purchase request details,
    and the salesperson acts accordingly based upon the ascertained
    purchase request property. The Data Center system further contains one
    or more action response modules which assist the user act in response
    to the ascertained purchase request property. Thus, the Data Center
    system assists the dealership to efficiently act upon a purchase
    request.|
AB- <FRENCH> L'invention concerne un procede et un systeme permettant de
    gerer une demande d'achat au niveau d'un systeme de centre de donnees.
    Le systeme du centre de donnees recoit des demandes d'achats d'une
    pluralite d'acheteurs potentiels. Le systeme du centre de donnees
    fournit l'acces a une pluralite de concessionnaires ou de groupes de
    concessionnaires de vehicules a distance. Le concessionnaire accede a
    la demande d'achat et affiche les details qu'elle comporte. Le
    concessionnaire peut ensuite confier le traitement de la demande
    d'achat a un vendeur. Le vendeur etablit une propriete de la demande
    d'achat, tel qu'un acheteur immediat, sur la base des details de la
    demande d'achat, et le vendeur agit en consequence en fonction de la
    propriete de la demande d'achat etablie. Le systeme du centre de
    donnees renferme un ou plusieurs modules de reponse a des actions, qui
    aident l'utilisateur a agir en reponse a la propriete de la demande
    d'achat etablie. Ainsi, le systeme du centre de donnees aide le
    concessionnaire a traiter efficacement une demande d'achat.|
LS- Publication   20000720 A2 Without international search report and to be
    republished upon receipt of that report.
LS- Examination   20001026 Request for preliminary examination prior to end
    of 19th month from priority date|
SP- REAL TIME VEHICLE PURCHASE REQUEST MANAGEMENT
  METHOD AND SYSTEM
    Backaround
    Field
    The present invention is related to systems and methods for conducting
business transactions. More particularly, this invention relates to a
seller managing potential customers purchase requests.
    Description of the Related Art
    The global economy has made the business of selling more competitive
than ever. Businesses that do not maximize customer satisfaction and
profitability may not survive in today's markets. Businesses are
therefore demanding tools and methods to provide a competitive edge.
    In a conventional sales scenario, a potential customer initiates a
purchasing process by visiting a dealership. The customer may make
several preliminary visits before making his or her purchasing intent
known to the dealer. The customer's manifestation of the purchasing
intent to the dealer may be equivalent to the dealer receiving a
purchase request.
    In the conventional vehicle dealership setting, namely, a car dealer,
the salesperson works on a commission basis.
    The salesperson's income is directly related to a vehicle's sales
price and the number of vehicle sales. Thus, the salesperson will want
to be credited for the sale and earn the resulting commission. The
conventional vehicle dealership setting may not foster efficient
cooperation between the sales staff. Thus, the purchaser may experience
frustration and unpleasantness with the purchasing experience.

identifying a user that is associated with one of the sellers.

11. A data care system for retrieving information items from a storage medium, the data care system comprising:

one or more group profiles, each group profile including one or more filter criteria; one or more user profiles, each of the user profiles including one or more filter criteria, and each user profile being associated with at least one of the group profiles; and a filtering module, responsive to the filter criteria of a selected one of the group files and the filter criteria of one of the user profiles that is associated with the selected one of the group, which selectively retrieves one or more of the plurality of information items.

12. The data care system of Claim 11, wherein each of the group profiles identifies a seller of one or more goods.

13. The data care system of Claim 12, wherein each of the user profiles identifies a user that is associated with the seller.

14. The data care system of Claim 11, wherein the filter criteria identify one or more automobile franchises.

15. The data care system of Claim 11, additionally comprising at least one purchase request, each of the at least one purchase requests having one or more purchase request states and wherein the filter criteria identify one or more of the purchase request states.

16. The data care system of Claim 15, wherein one of the purchase requests states identifies a new purchase request.

17. The data care system of Claim 11, additionally comprising a plurality of inventory information items, each of the inventory information items having one or more inventory states and wherein the filter criteria identify one or more of the inventory states.

18. The data care system of Claim 17, wherein one of the inventory states identifies an automobile that is available for sale.

19. A system for retrieving a plurality of information items from a storage medium, the method comprising:

means for providing one or more group profiles, each group profile including one or more filter criteria; means for associating one or more user profiles with a group profile, each of the user profiles including one or more filter criteria; and means for selectively retrieving one or more of the information items in response to the filter criteria of a selected one of the group profiles and the filter criteria of one of the user profiles that is associated with the selected group file.

20. The system of Claim 19, additionally comprising means for displaying the selectively retrieved information items.

21. A system for facilitating commercial transactions, between a plurality of customers and at least one supplier of items, over a computer driven network capable of providing communications between the supplier and at least one customer site associated with each customer, the system comprising:

a database;

a plurality of purchase requests generated by the customers, the purchase requests being stored in the database; a plurality of inventory items representative of the items that are provided by the supplier, the inventory items being stored in the database; a plurality of group profiles, each of the group profiles being associated with at least one of the suppliers of the items; and a plurality of user profiles, each of the user profiles being associated with at least one of the plurality of group profiles, each of the user profiles including one or more criteria for displaying information associated with the plurality of the inventory items or the purchase requests. |

1/4/12   (Item 4 from file: 349)
DIALOG(R)File 349:PCT Fulltext
. (c) 2001 WIPO/MicroPat. All rts. reserv.

00729640   **Image available**
AZ- 00729640
TI- <ENGLISH> COMPUTER IMPLEMENTED PURCHASING SYSTEM WITH AVAILABLE
    INVENTORY MANAGEMENT FUNCTIONS
TI- <FRENCH> SYSTEME D'ACHAT PAR ORDINATEUR AVEC FONCTIONS DE GESTION DU
    STOCK DISPONIBLE
PA- AUTOBYTEL COM INC, 2nd Floor, 18872 MacArthur Boulevard, Irvine, CA
    92612, US, US (Residence), US (Nationality)|
AU- **NOTTAGE Douglas Sanford** , 146 Pergola, Irvine, CA 92612, US
AU- WOLFE Donald Paul Jr, 48 Middlebury Lane, Irvine, CA 92620, US
AU- WAGONER Kevin Joel, 3521 North Tamarind Avenue, Rialto, CA 92377, US
AU- TEDESCO Michael Corey, 13350 Arvidson Road, Chino, CA 91710, US
AU- RATHWICK Zane Adam, 7 Stone Creek Lane, Laguna Hills, CA 92653, US
AU- KLEIN John Erik, 4241 Lafayette Place, Culver City, CA 90232, US|
LR- ALTMAN Daniel E, Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor,
    620 Newport Center Drive, Newport Beach, CA 92660-8016, US|
PN- WO 200042542 (WO 0042542) A2 20000720|
AN- WO 2000US1045 20000114|
PR- US 99232188 19990114|
DS- AE; AL; AM; AT|
DS- <EP> (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE|
DS- <OA> (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG|
DS- <AP> (AP) GH GM KE LS MW SD SL SZ TZ UG ZW|
DS- <EA> (EA) AM AZ BY KG KZ MD RU TJ TM|
IC- <MAIN> G06F-017/60|
LA- <PUB> English|
LF- <FILING> English|
WD- 8573|
AB- <ENGLISH> A computer implemented purchasing system allows seller
    management of product inventory which is displayed to potential buyers.
    Inventory may be modified individually or in a batch mode. Records may
    be filtered with dealer defined filters so as to perform inventory
    management functions on only dealer defined portions of the inventory.|
AB- <FRENCH> L'invention concerne un systeme d'achat par ordinateur
    permettant une gestion du stock du vendeur, les donnees de stock etant
    affichees a l'intention d'acheteurs potentiels. Le stock peut etre
    modifie selon un mode individuel ou par lots. Les enregistrements
    peuvent etre filtres a l'aide de filtres definis par le marchand de
    maniere a mettre en oeuvre des fonctions de gestion de stock uniquement
    sur les parties du stock definies par le marchand.|
LS- Publication   20000720 A2 Without international search report and to be
    republished upon receipt of that report.
LS- Examination   20001026 Request for preliminary examination prior to end
    of 19th month from priority date|
SP- COMPUTER IMPLEMENTED PURCHASING SYSTEM WITH AVAILABLE INVENTORY
    MANAGEMENT
    FUNCTIONS
      Field
      The present invention is related to systems and methods for conducting
    transactions using networked computers.
      Description of the Related Art
      The global economy has made the business of selling more competitive
    than ever. Businesses that do not maximize customer satisfaction and
    profitability may not survive in today's markets. Businesses are
    therefore demanding tools and methods to provide a competitive edge.
      In a conventional vehicle sales scenario, a. potential automobile
    purchaser initiates a purchasing process by visiting a dealership. The
    customer may make several preliminary visits before making his or her
    purchasing intent known to the dealer. Until the purchasing intent is
    revealed, the dealer acts inefficiently in attempting to consummate a
    customer purchase.

For example, the dealer maintains potentially unnecessary resources to handle the preliminary visits. Not knowing whether the potential customer intends to make a purchase, a large number of salespersons stand ready to confront all visitors to the dealership. However, many visits are preliminary and do not require the assistance of a salesperson. In addition, a purchaser may be approached by a salesperson less qualified to assist the purchaser in making the purchase. The salesperson may not possess the required product knowledge, or may be too busy to provide the necessary assistance. But, a lack of cooperation between the sales staff can inhibit the purchaser from receiving better assistance and perhaps from receiving prompt and accurate information about a vehicle which assists in the purchasers decision making process. Thus, customer satisfaction is not maximized, and the purchaser may experience unnecessary frustration. This results in dealership inefficiencies and potential lost sales.

Unfortunately, information concerning a vehicle dealer's inventory of automobiles is often only available to a customer if the customer actually visits the dealership. It is difficult to obtain information concerning available features, pricing, etc. (which will vary depending on the specific vehicle being sold) in any other way. Thus, during the purchasing process, time and energy is wasted by the customer in obtaining this information prior to making a purchasing decision, and the inefficiencies mentioned above cannot be avoided.

Summary

In one embodiment, the invention comprises a computer implemented purchasing system including a central computing system accessible to a plurality of sellers of goods and to a plurality of buyers of goods. The central computing system comprises a database region having stored therein an inventory of available products for one of the plurality of sellers, wherein the inventory comprises a plurality of product records, and the product records comprise fields defining product characteristics and product information. The central computing system also comprises an inventory management module accessible by the seller, and the inventory management module is configured to allow both individual and batch modification of product records by the seller.

The inventory management module may also be configured to report information from the product records to the seller and to search the product records according to criteria defined by the seller.

Brief Description of the Drawings

These and other aspects, advantages, and novel features of the invention will become apparent upon reading the following detailed description and upon reference to accompanying drawings in which:

Figure 1 is a system block diagram illustrating an embodiment of the overall network architecture of the invention; Figure 2 is a representation of one embodiment of an exclusive seller regions look up table of the invention; Figure 3 is a representation of one embodiment of a dealer record of the invention; Figure 4 is a representation of one embodiment of a now vehicle record of the invention; Figure 5 is a representation of one embodiment of a used vehicle record of the invention; Figure 6 is a high level block diagram illustrating one embodiment of a Data Center server system architecture of the invention; Figure 7 is a representation of one embodiment of a manage inventory HTML page in accordance with the invention.

Figure 8 is a representation of one embodiment of a cyberstore settings record in accordance with the invention.

Figure 9 is a flow chart illustrating a method of inventory management according to one embodiment of the invention.

Figure 10 is a representation of one embodiment of a inventory list HTML page in accordance with the invention.

Figure 11 is a representation of one embodiment of a search HTML page in accordance with the invention.

Figure 12 is a representation of one embodiment of a batch inventory